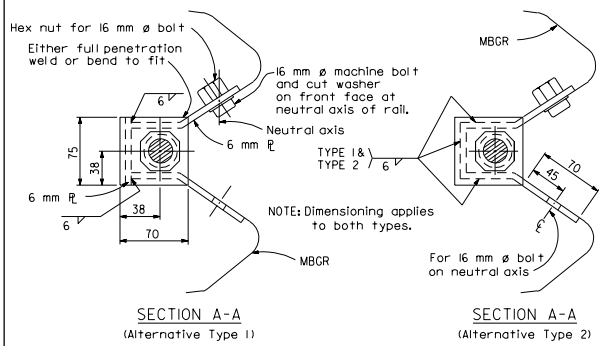
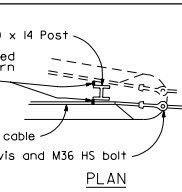


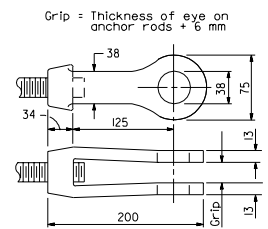
**ELEVATION**  
**TERMINAL ANCHOR ASSEMBLY**  
**(TYPE CA)**  
(Wood post guard railing shown)



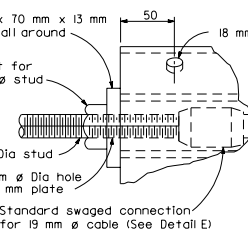
**SECTION A-A**  
**(Alternative Type 1)**  
**SECTION A-A**  
**(Alternative Type 2)**  
**ANCHOR PLATE DETAILS**



**PLAN**  
**DETAIL E**  
**ANCHOR CABLE WITH**  
**SWAGED FITTING AND STUD**



**CLEVIS**

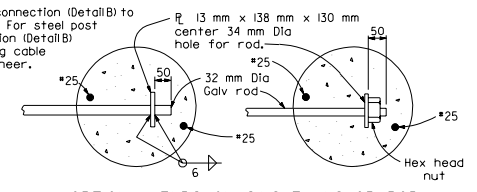


**DETAIL D**

**ELEVATION**  
**DETAIL B**  
**CLEVIS AND BOLT CONNECTION**  
(Steel post guard railing shown)  
See Note 5

**NOTES**

- For typical use of this terminal anchor, see metal beam guard railing Layout Types 3A, 4A, 5A and 6A on Standard Plans A770 and A771.
- Anchor cable to be parallel to guard railing for straight runs of rail. Anchor cable may have angle point at anchor plate if guard rail is curved.
- Distance between end post and concrete anchor is 1.7 m with terminal section. May be less than 1.7 m with return sections if separate rods connect to concrete anchor.
- Anchor rod hooks to be in contact with anchor reinforcement when concrete is placed. Wire ties may be used to position anchor rods.
- Cable clip connection (Detail A) or clevis and bolt connection (Detail B) to be used with wood post guard railing installation. For steel post guard railing installations, clevis and bolt connection (Detail B) is to be used. Other alternative for attaching cable to anchor rod must be approved by the Engineer.

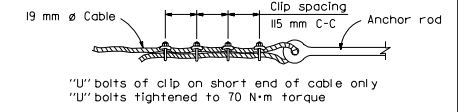


**OPTIONAL ENDS ON SINGLE ANCHOR ROD**  
(Not to be used for double anchors)

**NOTE**

- Use two 32 mm diameter galv rods with hook and eye for double guard rail anchor.
- 32 mm diameter galv rods parallel to axis of guard rail at point of anchorage
- 150 mm minimum
- 140 mm
- 50 mm
- 50 mm maximum
- 38 mm diameter eyes
- 25 mm diameter
- 38 mm eye
- Conc anchor 455 mm min dia
- 32 mm diameter galv rod

**DOUBLE ANCHOR**  
**ANCHOR RODS**  
**SINGLE ANCHOR**  
**ANCHOR RODS**



**DETAIL A**  
**CABLE CLIP CONNECTION**  
See Note 5

**STATE OF CALIFORNIA**  
**DEPARTMENT OF TRANSPORTATION**  
**METAL BEAM GUARD RAILING**  
**END TREATMENT**  
**TERMINAL ANCHOR ASSEMBLY**  
**(TYPE CA)**

**NO SCALE**  
ALL DIMENSIONS ARE IN  
MILLIMETERS UNLESS OTHERWISE SHOWN